

Laboratory Apparatus and Furniture Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)				
339111, Laboratory apparatus and furniture manufacturing.....	2002.. 402	425	23 740	1 075 622	12 637	25 921	402 106	2 749 674	1 745 604	4 480 552	'109 743
	2001.. N	N	N	N	N	N	N	N	N	N	N
	2000.. N	N	N	N	N	N	N	N	N	N	N
	1999.. N	N	N	N	N	N	N	N	N	N	N
	1998.. N	N	N	N	N	N	N	N	N	N	N
	1997.. N	N	N	N	N	N	N	N	N	N	N

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
339111, Laboratory apparatus and furniture manufacturing												
United States ⁴	2	425	202	23 740	1 075 622	12 637	25 921	402 106	2 749 674	1 745 604	4 480 552	'109 743
Arizona	2	5	1	103	4 755	65	149	2 660	6 892	3 469	10 323	'181
California	4	77	39	4 467	235 071	1 649	3 361	50 029	598 999	349 722	938 801	'27 668
Colorado	—	9	5	367	17 216	291	621	12 052	33 781	22 883	57 072	'1 258
Connecticut	1	10	6	446	25 436	269	600	14 071	53 577	92 182	143 101	'4 576
Florida	4	14	3	228	8 929	131	289	3 574	17 793	9 530	27 815	'919
Illinois	—	13	8	655	30 384	336	736	10 974	70 030	37 957	108 846	'3 948
Maryland	—	10	3	130	5 966	75	149	2 326	12 443	4 215	16 180	'189
Massachusetts	1	25	10	922	54 090	326	693	13 240	111 809	62 877	180 225	'3 543
Michigan	—	19	10	848	29 928	451	946	11 958	70 074	48 007	122 564	'1 356
Minnesota	—	8	5	503	22 569	258	567	8 352	42 281	27 369	70 345	'3 323
Missouri	—	10	3	283	11 714	153	330	4 140	20 742	15 763	36 351	'602
New Hampshire	5	6	5	910	37 427	483	1 010	13 641	77 778	54 634	129 191	'4 271
New Jersey	—	23	10	1 365	56 398	737	1 377	21 856	98 268	64 298	162 716	'6 760
New York	—	26	13	1 471	72 831	733	1 441	22 720	153 316	90 883	239 575	'3 009
North Carolina	6	8	5	735	29 338	508	1 009	14 542	58 017	49 810	107 909	'2 496
Ohio	—	15	10	1 917	87 333	1 084	2 090	36 499	203 163	128 255	331 889	'9 503
Oregon	1	11	2	240	7 001	174	369	3 901	13 154	10 414	23 488	'662
Pennsylvania	2	37	16	1 223	48 829	712	1 498	21 565	110 764	66 495	176 464	'5 434
Tennessee	—	6	2	109	3 372	76	85	1 813	6 711	4 911	11 157	'759
Texas	6	15	10	754	30 371	422	791	12 542	86 681	84 492	175 257	'4 105
Virginia	3	8	3	199	8 601	86	170	2 622	18 613	13 119	31 729	'575
Washington	—	9	4	254	10 160	149	344	4 853	17 694	13 844	31 181	'245
Wisconsin	—	15	6	1 933	73 710	1 350	2 803	43 417	165 248	111 515	276 430	'7 157

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴The definition of this industry has changed from 1997. See Appendix B for an explanation of the changes.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
339111, Laboratory apparatus and furniture manufacturing	
Companies ¹	number.. 402
All establishments ²	number.. 425
Establishments with 1 to 19 employees	number.. 223
Establishments with 20 to 99 employees	number.. 149
Establishments with 100 employees or more	number.. 53
All employees ³	number.. 23 740
Total compensation	\$1,000.. 1 304 215
Annual payroll	\$1,000.. 1 075 622
Total fringe benefits	\$1,000.. 228 593
Production workers, average for year	number.. 12 637
Production workers on March 12	number.. 12 680
Production workers on May 12	number.. 12 658
Production workers on August 12	number.. 12 465
Production workers on November 12	number.. 12 699
Production worker hours	1,000.. 25 921
Production worker wages	\$1,000.. 402 106
Total cost of materials	\$1,000.. 1 745 604
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 440 441
Resales	\$1,000.. 237 101
Purchased fuels	\$1,000.. 5 994
Purchased electricity	\$1,000.. 17 067
Contract work	\$1,000.. 45 001
Quantity of electricity purchased for heat and power	1,000 kWh.. 253 654
Quantity of electricity generated less sold for heat and power	1,000 kWh.. D
Total value of shipments	\$1,000.. 4 480 552
Primary products value of shipments	\$1,000.. 3 860 291
Secondary products value of shipments	\$1,000.. 203 950
Total miscellaneous receipts	\$1,000.. 416 311
Value of resales	\$1,000.. 328 733
Contract receipts	\$1,000.. 11 780
Other miscellaneous receipts	\$1,000.. 75 798
Primary products specialization ratio	percent.. 95
Value of primary products shipments made in all industries	\$1,000.. 4 187 153
Value of primary products shipments made in this industry	\$1,000.. 3 860 291
Value of primary products shipments made in other industries	\$1,000.. 326 862
Coverage ratio	percent.. 92
Value added	\$1,000.. 2 749 674
Total inventories, beginning of year	\$1,000.. 606 186
Finished goods inventories	\$1,000.. 198 394
Work-in-process inventories	\$1,000.. 108 920
Materials and supplies inventories	\$1,000.. 298 872
Total inventories, end of year	\$1,000.. 614 189
Finished goods inventories	\$1,000.. 212 343
Work-in-process inventories	\$1,000.. 109 697
Materials and supplies inventories	\$1,000.. 292 149
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. '1 158 739
Total capital expenditures (new and used)	\$1,000.. '109 743
Buildings and other structures (new and used)	\$1,000.. '12 673
Machinery and equipment (new and used)	\$1,000.. '97 070
Automobiles, trucks, etc., for highway use	\$1,000.. '3 872
Computers and peripheral data processing equipment	\$1,000.. '15 860
All other expenditures for machinery and equipment	\$1,000.. '77 338
Total retirements	\$1,000.. '57 641
Gross value of depreciable assets at end of year	\$1,000.. '1 210 841
Depreciation charges during year	\$1,000.. '87 926
Total rental payments	\$1,000.. 91 336
Buildings and other structures	\$1,000.. 79 234
Machinery and equipment	\$1,000.. 12 102
Total other expenses ⁴	\$1,000.. 5 790 719
Response coverage ratio ⁵	percent.. 71
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 20 626
Communications services ⁴	\$1,000.. 84 781
Legal services ⁴	\$1,000.. 635 242
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 44 550
Advertising and promotional services ⁴	\$1,000.. 61 015
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 60 929
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 2 864
Management consulting and administrative services ⁴	\$1,000.. 785 975
Taxes and license fees ⁴	\$1,000.. 14 201
All other expenses ⁴	\$1,000.. 4 080 537

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
339111, Laboratory apparatus and furniture manufacturing											
All establishments	2	425	23 740	1 075 622	12 637	25 921	402 106	2 749 674	1 745 604	4 480 552	'109 743
Establishments with—											
1 to 4 employees	9	109	246	8 768	132	233	3 593	19 320	11 237	30 594	'857
5 to 9 employees	5	49	331	13 252	185	379	6 497	33 321	24 646	63 566	'1 719
10 to 19 employees	2	65	922	37 736	505	997	16 391	79 190	42 426	121 099	'3 011
20 to 49 employees	1	95	3 090	126 713	1 826	3 858	54 086	331 111	154 853	484 595	'12 970
50 to 99 employees	1	54	3 667	168 143	1 764	3 596	56 610	356 513	212 355	564 148	'12 764
100 to 249 employees	2	37	5 753	237 432	3 527	7 216	110 980	527 708	520 729	1 043 217	'29 098
250 to 499 employees	—	9	3 281	160 183	1 437	3 033	46 523	381 782	234 689	618 069	'15 073
500 to 999 employees	1	4	2 388	118 215	1 305	2 555	42 471	250 621	174 800	421 456	'10 325
1,000 to 2,499 employees	3	3	4 062	205 180	1 956	4 054	64 955	770 108	369 869	1 133 808	'23 926
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	121	427	15 614	240	460	6 953	35 260	23 644	58 903	'1 793

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
339111	Laboratory apparatus and furniture manufacturing ³	425	23 740	1 075 622	12 637	25 921	402 106	2 749 674	1 745 604	4 480 552	'109 743
3391114	Hospital beds	13	2 400	106 397	1 491	2 997	44 905	527 230	307 662	832 142	'16 011
3391116	Hospital furniture	37	4 161	204 338	1 896	4 021	54 831	604 188	324 454	924 700	'22 967
3391118	Laboratory apparatus and furniture .	184	15 150	679 229	8 177	16 746	268 224	1 443 368	1 010 164	2 450 330	'59 788

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

³The definition of this industry has changed from 1997. See Appendix B for an explanation of the changes.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
339111	Laboratory apparatus and furniture manufacturing ¹	2002.. N 1997.. N	X X	X X	4 187 153 N
3391114	Hospital beds ¹	2002.. N 1997.. N	X X	X X	766 186 N
33911141	Hospital beds	2002.. N 1997.. N	X X	X X	766 186 N
3391114100	Hospital beds	2002.. 25 1997.. N	X X	X X	766 186 N
3391116	Hospital furniture ¹	2002.. N 1997.. N	X X	X X	886 281 N
33911161	Hospital furniture	2002.. N 1997.. N	X X	X X	879 502 N
3391116102	Hospital operating room furniture, including cabinets, cases, and tables	2002.. 14 1997.. N	X X	X X	197 578 N
3391116105	Hospital patient room furniture, including cabinets, desks, dressers, and over-bed tables (excluding beds and chairs)	2002.. 25 1997.. N	X X	X X	104 888 N
3391116109	Other hospital furniture, including back rests, bassinets, cases, chart racks, and other tables (excluding hospital beds, operating room furniture, and patient room furniture)	2002.. 34 1997.. N	X X	X X	577 036 N
3391116Y	Hospital furniture, nsk	2002.. N 1997.. N	X X	X X	6 779 N
3391116YVV	Hospital furniture, nsk	2002.. N 1997.. N	X X	X X	6 779 N
3391118	Laboratory apparatus and furniture	2002.. N 1997.. N	X X	X X	2 320 014 N
33911181	Laboratory furniture and parts sold separately	2002.. N 1997.. N	X X	X X	366 392 N
3391118120	Laboratory furniture and parts sold separately ²	2002.. 30 1997.. N	X X	X X	366 392 N
33911182	Laboratory and scientific apparatus	2002.. N 1997.. N	X X	X X	1 953 622 N
3391118240	Laboratory and scientific apparatus ²	2002.. 212 1997.. N	X X	X X	1 953 622 N
3391118Y	Laboratory apparatus and furniture, nsk	2002.. N 1997.. N	X X	X X	— N
3391118YVV	Laboratory apparatus and furniture, nsk	2002.. N 1997.. N	X X	X X	— N
339111W	Laboratory apparatus and furniture manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	214 672 N
339111WY	Laboratory apparatus and furniture manufacturing, nsk, total	2002.. N 1997.. N	X X	X X	214 672 N
339111WYWW	Laboratory apparatus and furniture manufacturing, nsk, for nonadministrative-record establishments	2002.. N 1997.. N	X X	X X	166 430 N
339111WYWY	Laboratory apparatus and furniture manufacturing, nsk, for administrative-record establishments	2002.. N 1997.. N	X X	X X	48 242 N

¹The definition of this industry has changed from 1997. See Appendix B for an explanation of the changes.

²For additional detail, see Current Industrial Report MA334B, Selected Instruments and Related Products.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3391114	Hospital beds	
	United States ¹	2002 .. 766 186
		1997 .. N
3391116	Hospital furniture	
	United States ¹	2002 .. 886 281
		1997 .. N
	Michigan	2002 .. 38 911
		1997 .. N
	North Carolina	2002 .. 4 352
		1997 .. N
	Pennsylvania	2002 .. 15 871
		1997 .. N
	Texas	2002 .. 4 130
		1997 .. N
3391118	Laboratory apparatus and furniture	
	United States	2002 .. 2 320 014
		1997 .. N
	Arizona	2002 .. 8 692
		1997 .. N
	California	2002 .. 394 749
		1997 .. N
	Colorado	2002 .. 57 330
		1997 .. N
	Florida	2002 .. 7 605
		1997 .. N
	Illinois	2002 .. 76 772
		1997 .. N
	Maryland	2002 .. 12 324
		1997 .. N
	Massachusetts	2002 .. 167 174
		1997 .. N
	Michigan	2002 .. 94 018
		1997 .. N
	Minnesota	2002 .. 85 088
		1997 .. N
	Missouri	2002 .. 32 803
		1997 .. N
	New Hampshire	2002 .. 97 404
		1997 .. N
	New Jersey	2002 .. 114 885
		1997 .. N
	New York	2002 .. 173 611
		1997 .. N
	North Carolina	2002 .. 92 024
		1997 .. N
	Ohio	2002 .. 127 619
		1997 .. N
	Pennsylvania	2002 .. 140 205
		1997 .. N
	Texas	2002 .. 72 969
		1997 .. N
	Virginia	2002 .. 23 853
		1997 .. N

¹The definition of this industry has changed from 1997. See Appendix B for an explanation of the changes.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
339111	Laboratory apparatus and furniture manufacturing		
00900001	Total materials ¹ .....2002..	X	1 440 441
	.....1997..	X	N
33441200	Printed circuit boards (without inserted components) for electronic circuitry .....2002..	X	65 640
	.....1997..	X	N
001900C4	Printed circuit assemblies, loaded boards, and modules (printed circuit boards with inserted electronic components) .....2002..	X	45 111
	.....1997..	X	N
001900B7	Resistors, capacitors, transformers, electron tubes, semiconductors, and other electronic components .....2002..	X	33 076
	.....1997..	X	N
33593101	Current-carrying wiring devices .....2002..	X	23 085
	.....1997..	X	N
33531201	Electric motors and generators .....2002..	X	56 440
	.....1997..	X	N
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products .....2002..	X	11 565
	.....1997..	X	N
332000A7	Metal boilers, condensers, and parts (excluding forgings) .....2002..	X	56 367
	.....1997..	X	N
33151001	Iron and steel castings (rough and semifinished) .....2002..	X	29 739
	.....1997..	X	N
33152011	Nonferrous (aluminum, copper, etc.) castings (rough and semifinished) .....2002..	X	17 949
	.....1997..	X	N
33120001	Steel shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	27 095
	.....1997..	X	N
331000AJ	Nonferrous metal shapes and forms (excluding castings, forgings, and fabricated metal products) .....2002..	X	22 598
	.....1997..	X	N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc. ....2002..	X	66 059
	.....1997..	X	N
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes .....2002..	X	14 388
	.....1997..	X	N
32610009	Fabricated plastics products .....2002..	X	57 896
	.....1997..	X	N
32600017	Fabricated rubber products (excluding tires, tubes, hose, belting, and gaskets) .....2002..	X	D
	.....1997..	X	N
33910000	Surgical and orthopedic supplies (including sutures and hypodermic needles for further manufacture or assembly) .....2002..	X	D
	.....1997..	X	N
332000A9	Sheet metal products (excluding stampings) .....2002..	X	78 819
	.....1997..	X	N
32552001	Adhesives and sealants .....2002..	X	6 852
	.....1997..	X	N
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	61 722
	.....1997..	X	N
32210015	Paper and paperboard products (excluding paperboard boxes, containers, and corrugated paperboard) .....2002..	X	4 270
	.....1997..	X	N
00970099	All other materials and components, parts, containers, and supplies .....2002..	X	562 432
	.....1997..	X	N
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	135 226
	.....1997..	X	N

¹The definition of this industry has changed from 1997. See Appendix B for an explanation of the changes.

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p–10 to 19 percent estimated; q–20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.